Docket P1673US01 Manteu. 771703					ATTY DOCKET NO. P1673US01		SERIAL NO. Unknown			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Richard L. Coody et al	<del></del>				
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*EXAMINER INITIAL	<b></b>	<u> </u>	DOCUMENT NUMBER	DATE	ļ	NAME	CLASS	SUBCLASS	FILING DATI	
	A	4,33	36,145 ————————	06-22-82	Briscoe				<u> </u>	
	В	4,77	72,646	09-20-88	Harms	et al.				
	С	4,81	18,034	05-09-89	Constie	n et al.		T		
	D	5,04	16,856	09-10-91	McIntir	re				
	E.	5,19	90,374	02-02-93	Harms	et al.				
	F	5,33	30,005	07-19-94	Card et	al.				,
	G	5,34	46,339	09-13-94	Himes e	et al.				
	Н	5,38	82,411	01-17-95	Allen					
,	1	5,42	26,137	06-20-95	Allen	Allen				
	J .	5,43	39,055	08-08-95	Card et al.					
	K	к 5,468,066		11-21-95	Hammo	onds				
		<u> </u>		FORE	EIGN PATE	ENT DOCUMENTS				
٧			DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	NO NO
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
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			rerence considered, whethe py of this form with next con			Idilice with with 1005, Draw i	ille unough c	Mation it not in G	Milliance	did not

Form PTO-A820 (also form PTO-1449)

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INFORMATION DISCLOSURE CITATION				P1673US01			Unknown				
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					FILING July 11, 200			GROUP Unknown			
				U.S	S. PATENT	DOCUMENTS					
*EXAMINER INITIAL			DOCUMENT NUMBER	DATE	NAME		CLASS	CLASS SUBCLASS		FILING DATE  IF APPROPRIATE	
	L	5,50	1,278	03-26-96	Garrett	et al.		<u> </u>			
	M	5,96	4,295	10-12-99	Brown	et al.					
	N	5,97	2,850	10-26-99	Nimerick						
	o	5,98	1,446	11-09-99	Qiu et a	1.				: 	
	Р.	6,13	8,760	10-31-00	Lopez e	t al.					
	Q	6,17	2,011	01-09-01	Card et	al.					
	R	6,17	7,385	01-23-01	Nimeric	k					
	s	6,22	7,295	05-08-01	Mitchell et al.						
	T	6,254,267		07-03-01	Arnaud						
	U	6,30	2,209	10-16-01	01 Thompson, Sr. et al.						
, ,	V	6,30	6,800	10-23-01	Samuel et al.						
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Docket P1673US01 Mailed: 7/11/03

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ocket P1673US01 Mailed: 7/11/03				ATTY DOCKET NO. P1673US01		SERIAL NO. Unknown				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)					Richard L. Coody et al.					
·					FILING July 11, 20		GROUP Un	ıknown		
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'EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE		
- INCLUSE	w.	6,387,853	05-14-02	Dawson	ı et al.			IF ALV.	DATE	
	Х	6,394,184	05-28-02	Tolman	ı et al.			<del> </del>		
	Y	6,419,019	07-16-02	Palmer	et al.					
	z	6,432,885	08-13-02	Vollmer	<del></del>			<b>†</b>		
· ·	AA	2003/0008780	01-09-03	Chowd	hary et al.					
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Docket P1673US01 Mailed: 7/11/03

Docket P1673USQ1 Mailed: 7/11/03

TRAI	the state of the s	F INFORMATION DISCI Inder 37 CFR 1.97(b) or 1.	·	Docket No. P1673US01			
In Re	Application Of: 1	Richard L. Coody and Marc A.	Chalmers				
	Serial No. Unknown	Filing Date July 11, 2003	Examiner Unknown	Group Art Unit Unknown			
Title:	APPARATUS A	ND METHOD FOR ACCELER	RATING HYDRATION OF PA	ARTICULATE POLYMER			
			· · · · · · · · · · · · · · · · · · ·				
	•	Washi	Address to pommissioner for Patents ington, D.C. 20231				
1. 🗵	of a national app CFR 1.491 in a	37 Disclosure Statement submitt plication; within three months on international application; or event occurs last.	ted herewith is being filed with	onal stage as set forth in 37			
2. 🗆	37 CFR 1.97(c)  The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:						
	1.	a Final Action under 37 CFR 1	1.113, or				
:	2.	a Notice of Allowance under 3	7 CFR 1.311,				
· ·	whichev	rer occurs first.					
	☐ a certifica	tion as specified in 37 CFR 1.9	97(e);				
		OR					
		et forth in 37 CFR 1.17(p) fo CFR 1.97(c).	or submission of an Informati	on Disclosure Statement			
	of a national app CFR 1.491 in a merits, whichever the Information of a national approcurred last but the Informational approcuration in Information Informatio	Disclosure Statement submitted of the polication; within three months of an international application; or ar event occurs last.  37  Disclosure Statement submited plication, or the date of entry plication; or after the mailing to before the mailing date of either a Final Action under 37 CFR 1 and Notice of Allowance under 3 are occurs first.  Therewith is:  OR  et forth in 37 CFR 1.17(p) for the policy of	CFR 1.97(b)  ted herewith is being filed with the date of entry of the nation before the mailing date of the national stage as set of the national stage as set of the national stage as set of the national stage.  1.113, or  1.7 CFR 1.311,	er three months of the filing forth in 37 CFR 1.491 in an on the merits, whichever			

## TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) P1673US01 In Re Application Of: Richard L. Coody and Marc A. Chalmers Serial No. Filing Date Examiner Group Art Unit Unknown July 11, 2003 Unknown Unknown Title: APPARATUS AND METHOD FOR ACCELERATING HYDRATION OF PARTICULATE POLYMER Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) A check in the amount of is attached. The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 13-0110 as described below. A duplicate copy of this sheet is enclosed. Charge the amount of $\boxtimes$ Refund Credit any everpayment. $\boxtimes$ Charge any additional fee required. Certificate of Transmission by Facsimile\* Certificate of Mailing by First Class Mail-I certify that this document and fee is being deposited certify that this document and authorization to charge with the U.S. Postal Service as deposit account is being facsimile transmitted to the United first class mail under 37 C.F.R. 1.8 and is addressed to the States Patent and Trademark Office (Fax. No. Assistant Commissioner for Patents, Washington, D.C. 20231. (Date) Signature Signature of Person Mailing Correspondence Typed or Printed Name of Person Signing Certificate Typed or Printed Name of Person Mailing Correspondence \*This certificate may only be used if paying by deposit account. Dated: July 11, 2003 David M. Sullivan (Reg. No. 51,025) Phillip L. Free, Jr. (Reg. No. 38,143) Bruce P. LaBrie (Reg. No. 53,172) CROWE & DUNLEVY, P.C. 20 North Broadway, Suite 1800 Oklahoma City, Oklahoma 73102 (405) 234-3236 - telephone (405) 272-5926 - facsimile cc: Arrowwood Chemical, L.L.C.

TRA	TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))  Docket No. P1673US01							
In Re	in Re Application Of: Richard L. Coody and Marc A. Chalmers							
	Serial No. Filing Date Examiner Group Art Unit							
	Unknown	July 11, 2003	Unknown	Unknown				
Title:	tle: APPARATUS AND METHOD FOR ACCELERATING HYDRATION OF PARTICULATE POLYMER							
	·							
		Assistant Comm	dress to: hissioner for Patents on, D.C. 20231					
		37 CF	R 1.97(b)					
1. 🖾								
		37 CF	R 1.97(c)	·				
2.	of a national ap international ap	n Disclosure Statement submitted oplication, or the date of entry of the oplication; or after the mailing date of either:	he national stage as set forth in te of a first Office Action on tl	37 CFR 1.491 in an				
-	1.	a Final Action under 37 CFR 1.11	3, or					
	2.	a Notice of Allowance under 37 Cl	FR 1.311,					
	whiche	ver occurs first.						
	Also submitted	herewith is:						
	☐ a certifica	ation as specified in 37 CFR 1.97(e	·);					
		OR						
		set forth in 37 CFR 1.17(p) for su CFR 1.97(c).	ubmission of an Information Dis	closure Statement				

<b>\</b>	FINFORMATION DISCLOR Inder 37 CFR 1.97(b) or 1.97	3.5.1	Docket No. P1673US01				
In Re Application Of: I	Richard L. Coody and Marc A. Ch	almers					
Serial No. Unknown	Filing Date July 11, 2003	Examiner Unknown	Group Art Unit Unknown				
Title: APPARATUS Al	ND METHOD FOR ACCELERA	FING HYDRATION OF PARTIC	ULATE POLYMER				
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		ent of Fee o pay the fee set forth in 37 CFR 1.17(p	)))				
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Charge a	ny additional fee required.						
Certificate of	Transmission by Facsimile*	Certificate of Mailing b	y First Class Mail				
	document and authorization to charge ng facsimile transmitted to the United lemark Office (Fax. No.	I certify that this document an on with first class mail under 37 C.F.R. 1 Assistant Commissioner for Page 20231.	the U.S. Postal Service as  .8 and is addressed to the				
	Signature	Signature of Person Maili	ng Correspondence				
Typed or Printed	Name of Person Signing Certificate	Typed or Printed Name of Person	Mailing Correspondence				
deposit account.	y only be used if paying by	Dated: July 11, 2003					
David M. Sullivan (Reg. I Phillip L. Free, Jr. (Reg. I Bruce P. LaBrie (Reg. No CROWE & DUNLEVY, I	No. 38,143) o. 53,172)						
20 North Broadway, Suite			•				
Oklahoma City, Oklahoma 73102							
(405) 234-3236 - telephone (405) 272-5926 - facsimile							
(403) 212-3720 - Igesmile							
,							
cc: Arrowwood Chemica	ıl, L.L.C.						